Index

PAGE

A Curious Relationship Linking Planetary Data, *Gürler Iliçin* 577
A Galilean Telescope, *S.D.Ringwood* 43
A Model for the Megalithic Yard, *T.H.Kirk* 573
A Most Rare Vision: Eddington's Thinking on the Relation Between Science and Religion, *A.H.Batten* 249
A Note on Citations to Papers by British Astronomers, *P.B.Fellgett* 351
Accuracy of Early Estimates of Lunar Eclipse Magnitudes, *F.R.Stephenson & L.J.Fatoohi* 81
Agnes Mary Clerke, Chronicler of Astronomy, *M.T.Brück* 59
Autumn MIST Meeting, London 1993, *M.J.Laird* 479

Baggaley, W.J., Bennett, R.G.T., Steel, D.I. & Taylor, A.D., The Advanced Meteor Orbit Radar Facility: AMOR 293
Batten, A.H., A Most Rare Vision: Eddington's Thinking on the Relation Between Science and Religion 249
Bradshaw, E.G. & Lester, M., Spring MIST Meeting, Sussex 1993 95
Brück, M.T., Agnes Mary Clerke, Chronicler of Astronomy 59

Cappi, Alberto, Edgar Allen Poe's Physical Cosmology 177
Citation for the Award of the Chapman Medal to Professor Ian Axford on Friday 1994 March 11 245
Citation for the Award of the Price Medal to Professor John Arthur Jacobs on Friday 1994 March 11 247

Edgar Allen Poe's Physical Cosmology, *Alberto Cappi* 177
Edmond Halley – Actuary, *G.Heywood* 151
Errata 243

Fellgett, P.B., A Note on Citations to Papers by British Astronomers 351

Graham-Smith, F., The Insides and Outsides of Pulsars 399
Gurman, S.J. & Harratt, S.R. Revd Dr William Pearson (1767–1847): a Founder of the Royal Astronomical Society 271

Heywood, G., Edmond Halley – Actuary 151
Hughes, D.W., The Historical Unravelling of the Diameters of the First Four Asteroids 331

Iliçin, Gürler, A Curious Relationship Linking Planetary Data 577
Ilyas, Mohammad, Lunar Crescent Visibility Criterion and Islamic Calendar 425

Interstellar Molecular Discs Around Young Stars, *L.T.Little* 11

Jesuit Astronomers in Beijing, 1601–1805, *Agustín Udías* 463

Kirk, T.H., A Model for the Megalithic Yard 573
van der Kruit, P.C., The Astronomical Community in the Netherlands 409

Laird, M.J., Autumn MIST Meeting, London 1993 479
Learned, J.G., Pakvasa, S., Simmons, W.A. & Tata, X., Timing Data Communication with Neutrinos: a New Approach to SETI 321
Little, L.T., Interstellar Molecular Discs Around Young Stars 11

Index

PAGE

A Curious Relationship Linking Planetary Data, *Gürler Iliçin* 577
A Galilean Telescope, *S.D.Ringwood* 43
A Model for the Megalithic Yard, *T.H.Kirk* 573
A Most Rare Vision: Eddington's Thinking on the Relation Between Science and Religion, *A.H.Batten* 249
A Note on Citations to Papers by British Astronomers, *P.B.Fellgett* 351
Accuracy of Early Estimates of Lunar Eclipse Magnitudes, *F.R.Stephenson & L.J.Fatoohi* 81
Agnes Mary Clerke, Chronicler of Astronomy, *M.T.Brück* 59
Autumn MIST Meeting, London 1993, *M.J.Laird* 479

Baggaley, W.J., Bennett, R.G.T., Steel, D.I. & Taylor, A.D., The Advanced Meteor Orbit Radar Facility: AMOR 293
Batten, A.H., A Most Rare Vision: Eddington's Thinking on the Relation Between Science and Religion 249
Bradshaw, E.G. & Lester, M., Spring MIST Meeting, Sussex 1993 95
Brück, M.T., Agnes Mary Clerke, Chronicler of Astronomy 59

Cappi, Alberto, Edgar Allen Poe's Physical Cosmology 177
Citation for the Award of the Chapman Medal to Professor Ian Axford on Friday 1994 March 11 245
Citation for the Award of the Price Medal to Professor John Arthur Jacobs on Friday 1994 March 11 247

Edgar Allen Poe's Physical Cosmology, *Alberto Cappi* 177
Edmond Halley – Actuary, *G.Heywood* 151
Errata 243

Fellgett, P.B., A Note on Citations to Papers by British Astronomers 351

Graham-Smith, F., The Insides and Outsides of Pulsars 399
Gurman, S.J. & Harratt, S.R. Revd Dr William Pearson (1767–1847): a Founder of the Royal Astronomical Society 271

Heywood, G., Edmond Halley – Actuary 151
Hughes, D.W., The Historical Unravelling of the Diameters of the First Four Asteroids 331

Iliçin, Gürler, A Curious Relationship Linking Planetary Data 577
Ilyas, Mohammad, Lunar Crescent Visibility Criterion and Islamic Calendar 425

Interstellar Molecular Discs Around Young Stars, *L.T.Little* 11

Jesuit Astronomers in Beijing, 1601–1805, *Agustín Udías* 463

Kirk, T.H., A Model for the Megalithic Yard 573
van der Kruit, P.C., The Astronomical Community in the Netherlands 409

Laird, M.J., Autumn MIST Meeting, London 1993 479
Learned, J.G., Pakvasa, S., Simmons, W.A. & Tata, X., Timing Data Communication with Neutrinos: a New Approach to SETI 321
Little, L.T., Interstellar Molecular Discs Around Young Stars 11

Lunar Crescent Visibility Criterion and Islamic Calendar, *Mohammad Ilyas* 425

Machine Intelligence, the Cost of Interstellar Travel and Fermi's Paradox, *Louis K. Scheffer* 157
Matthews, R.A.J., The Close Approach of Stars in the Solar Neighbourhood 1
Matthews, R.A.J., Errata to The Close Approach of Stars in the Solar Neighbourhood 243
Mayes, Victor, Unit Prefixes for Use in Astronomy 569
Much Ado about Giotto's Comet, *R.J.M.Olson* 145

Obituaries
J.C.Bennett (1914–1990) 353
F.Birch (1903–1992) 223
J.Bolton (1922–1993) 225
J.Darius (1948–1993) 227
Z.Kopal (1914–1993) 229
Lubor Kresak (1927–1994) 579
I.Lehmann (1888–1993) 231
M.R.C.McDowell (1932–1993) 235
J.H.Oort (1900–1992) 237
Bruno Benedetto Rossi (1905–1993) 581
John Verhoogen (1912–1993) 585
Olson, R.J.M., Much Ado about Giotto's Comet 145

Quasars, Bursts and Relativistic Objects, *Martin J.Rees* 391

Rees, Martin, J. Quasars, Bursts and Relativistic Objects 391

Reports from Observatories, University Departments and Research Establishments
Anglo–Australian Observatory 501
Armagh Observatory in 1992/93 511
Astronomy Centre, University of Sussex 557
Carter Observatory (The National Observatory of New Zealand) 345
Department of Physics and Astronomy, University of Glasgow 529
Department of Physics and Astronomy, X-ray Astronomy Group, Leicester University 193
Department of Physics, Oxford University: Atmospheric, Oceanic and Planetary Physics 207
Mullard Space Science Laboratory 107
South African Astronomical Observatory 129
University of Canterbury, Department of Physics and Astronomy and Mt John University Observatory 123
University of Manchester, Nuffield Radio Astronomy Laboratories, Jodrell Bank 539

Reports of Meetings
1993 May 14 155
1993 October 8 357
1993 November 12 357
1993 December 10 358
1994 January 14 358
1994 February 11 359
1994 March 11 359
1994 April 7 360
Annual General Meeting of 1994 May 13 360
Autumn MIST Meeting, London 1993 479
Report of Council to the 174th AGM 362
Report of the Honorary Auditors for the Year 1993 371
Spring MIST Meeting, Sussex 1993 95
Spring MIST Meeting, Cambridge 1994 487

Revd Dr William Pearson (1767–1847): a Founder of the Royal Astronomical Society, *S.J.Gurman & S.R.Harratt* 271
Ringwood, S.D., A Galilean Telescope 43

Scheffer, Louis K., Machine Intelligence, the Cost of Interstellar Travel and Fermi's Paradox 157
Sir Norman Lockyer's Contributions to Science, *G.A.Wilkins* 51
Smith, A.J. & Laird, M.J., Spring MIST Meeting, Cambridge 1994 487
Spring MIST Meeting, Cambridge 1994, *A.J.Smith & M.J.Laird* 487
Spring MIST Meeting, Sussex 1993, *E.G.Bradshaw & M.Lester* 95
Spyrou, N.K., The 50th Anniversary of the Department of Astronomy of the Aristoteleion University of Thessaloniki 149
Stephenson, F.R. & Fatoohi, L.J., Accuracy of Early Estimates of Lunar Eclipse Magnitudes 81

The Advanced Meteor Orbit Radar Facility: AMOR, *W.J.Baggaley, R.G.T.Bennett, D.I.Steel & A.D.Taylor* 293
The Astronomical Community in the Netherlands, *P.C.van der Kruit* 409
The Close Approach of Stars in the Solar Neighbourhood, *R.A.J.Matthews* 1
The 50th Anniversary of the Department of Astronomy of the Aristoteleion University of Thessaloniki, *N.K.Spyrou* 149
The Historical Unravelling of the Diameters of the First Four Asteroids, *D.W.Hughes* 331
The Insides and Outsides of Pulsars, *F.Graham-Smith* 399
The RAS/Blackwell Prize 1993 355
The Society's Accounts 373
Timing Data Communication with Neutrinos: a New Approach to SETI, *J.G.Learned, S.Pakvasa, W.A.Simmons & X.Tata* 321

Udías, Agustín, Jesuit Astronomers in Beijing, 1601–1805 463
Unit Prefixes for Use in Astronomy, *Victor Mayes* 569

Wilkins, G.A., Sir Norman Lockyer's Contributions to Science 51